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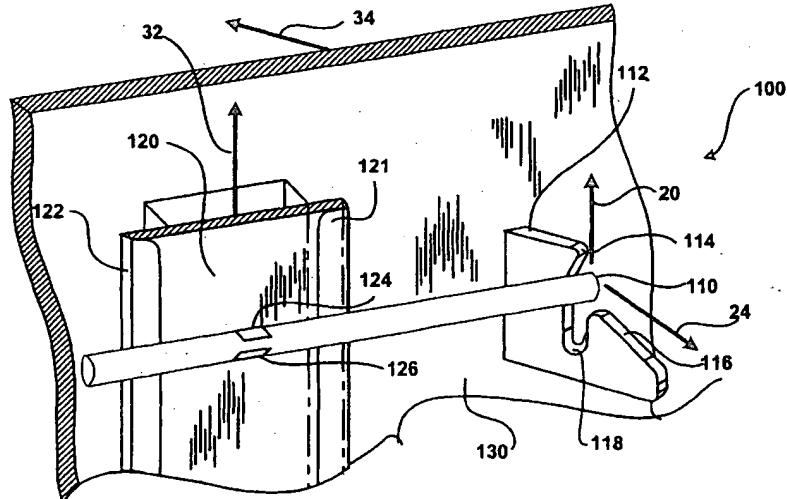
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*[Continued on next page]*

(54) Title: DEVICE AND METHOD FOR OPENING A DOOR



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(57) Abstract: A method and device for opening a door (130) includes a receptacle structure (100). The receptacle structure (100) is coupled to the door (130). The receptacle structure (100) has a top surface (112) and an angled guiding surface (116). The top surface (112) forms an angled protrusion (114). The receptacle structure (100) has a receptacle (118) formed between the top surface (112) and the angled guiding surface (116). The device also includes a latching rod (110) and a sliding assembly (120) coupled to the latching rod (110). Movement of the latching rod (110) causes the latching rod (110) to contact the angled protrusion (114). The contact of the latching rod (110) with the angled protrusion (114) of the receptacle structure (100) causes the rod (110) to push the receptacle structure (100) and the door (130), and causes the latching rod (110) to navigate across the angled guiding surface (116) of the receptacle structure (100) further pushing the door (130).

**Declaration under Rule 4.17:**

— *of inventorship (Rule 4.17(iv)) for US only*

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/35976

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : E05F 11/54  
 US CL : 049/278

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 049/278, 279, 276, 277, 263, 264, 272, 324, 328, 329, 293; 292/32, 33, 137, 157, 138, Dig. 60

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y ✓	US 6,106,213 A (DENKER) 22 August 2000, whole document.	1-13
Y ✓	US 1,802,812 A (GRATZ) 28 April 1931, whole document.	14
A ✓	US 1,611,386 A (STANLEY) 21 December 1926, whole document.	14
A ✓	US 839,330 A (STEPHENSON) 25 December 1906, whole document.	14
A ✓	US 533,571 A (TOWER) 05 February 1895, whole document.	14
A ✓	US 2,634,970 A (ROSEBROOK) 14 April 1953, whole document.	14
A ✓	US 412,356 A (ZERFAS et al.) 08 October 1889, whole document.	1-13
A ✓	US 5,927,767 A (SMITH et al.) 27 July 1999, whole document.	1-13
A ✓	US 4,941,695 A (MILLER) 17 July 1990, whole document.	1-13

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## INTERNATIONAL SEARCH REPORT

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,395,000 A (DEVINY et al.) 26 July 1983, whole document.	1-13